

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Cancelled)
2. (Currently Amended) The system according to Claim ~~[[1]]~~8, wherein the PDA transmits the user preference data to the data controller by infrared transmission.
3. (Currently Amended) The system according to Claim ~~[[1]]~~8, wherein the PDA transmits the user preference data to the data controller by radio frequency transmission.
4. (Currently Amended) The system according to Claim ~~[[1]]~~8, wherein the user preference data includes preference settings for vehicle accessory devices.
5. (Currently Amended) The system according to Claim ~~[[1]]~~8, wherein the data controller includes a wireless transceiver adapted to wirelessly receive the user preference data from the transceiver of the PDA.
6. (Original) The system according to Claim 5, wherein the data controller further includes an encoder/decoder to facilitate communication between the wireless transceiver and the microcontroller.

7. (Currently Amended) The system according to Claim ~~[[1]]~~8, wherein the microcontroller controls the accessory devices according to the user preference data through a driver circuit.

8. (Previously Presented) A system for managing user preference settings in a vehicle, the system comprising:

an electronic control unit including a microcontroller and an electronic control unit memory, the electronic control unit controlling accessory devices, wherein the electronic control unit memory includes a code portion and a data portion, the code portion including a control algorithm executed by the microcontroller to control the accessory devices, the data portion being written with the user preference data and read by the microcontroller when executing the control algorithm;

a data controller in communication with the microcontroller and adapted to receive user preference data;

a PDA including a PDA processor, PDA memory, and transceiver in electrical communication, the PDA managing the user preference data, and the transceiver adapted to transmit the user preference data from the PDA to the data controller; and

wherein the preference data is transmitted from the PDA to the electronic control unit via the data controller, the microcontroller controlling the accessory devices according to the user preference data.

9. (Original) The system according to Claim 8, wherein the data portion has a data structure including a driver ID, and the microcontroller reads particular data from the data structure by referencing the driver ID when executing the control algorithm.

10. (Currently Amended) The system according to Claim ~~[[1]]~~8, further comprising a keyless receiver adapted to receive a control signal from a key fob and in communication with the microcontroller to transmit the control signal.

11. (Original) The system according to Claim 10, wherein the electronic control unit memory includes a code portion and a data portion, the code portion including a control algorithm executed by the microcontroller to control the accessory devices, the data portion being written with the user preference data and read by the microcontroller when executing the control algorithm.

12. (Original) The system according to Claim 11, wherein the data portion has a data structure including a driver ID, and the microcontroller reads particular data from the data structure by referencing the driver ID when executing the control algorithm.

13. (Original) The system according to Claim 11, wherein the data portion has a data structure including a driver ID, the driver ID identifying one of multiple user preference data sets stored in the data portion of the electronic control unit memory.

14. (Original) The system according to Claim 13, wherein the driver ID further identifies user preference data based on a key fob control signal.

15. (Currently Amended) The system according to Claim ~~[[1]]~~8, wherein the user preference settings are input to the PDA, the PDA executing code in the PDA memory to convert the user preference settings to the user preference data transmitted from the PDA to the electronic control unit.

16. (Original) The system according to Claim 15, wherein the PDA is adapted to connect to a network for receiving code to be executed when converting the user preference settings to user preference data.

17. (Original) The system according to Claim 16, wherein the network is the Internet.

18. (Original) The system according to Claim 16, wherein receiving code includes updating code in the PDA memory.

19-45. (Cancelled)

46. (Previously Presented) The system according to Claim 8, wherein the PDA is a hand-held computer.

47. (Previously Presented) The system according to Claim 8, wherein the PDA is a hand-held device including a processor and memory.

48-55. (Cancelled)